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22 August 1978

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PLANT AND INSTALLATION DATA
No. 2

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I. METALLURGICAL INDUSTRY

Item: Pao-t'ou Iron and Steel Company
[0545 7333 6921 6993 0361 0674]

Location: Paotow, Inner Mongolia AR, PRC

Data: This company has fulfilled its semiannual iron and steel production plans ahead of schedule. In June this year, the company reported for the first time in 11 years a profit of 1.81 million yuan.

Source: Peking PEOPLE'S DAILY 23 Jul 78 p 1

Item: T'ai-yuan Iron and Steel Company
[0669 0626 6921 6993 0361 0674]

Location: T'ai-yuan, Shansi, PRC

Data: This company has fulfilled 2 weeks ahead of schedule its semiannual state output plan. The output of its principal products, such as steel, rolled steel, coking coal and refractory materials, registered "remarkable" increases. By the end of May, profits turned over to the state by this company represented over 60 percent of the annual plan.

Source: Hong Kong CHUNG-KUO HSIN-WEN 24 Jun 78 p 1

Item: Kuei-chou Aluminum Plant
[6311 1558 (3550) 6986 0617]

Location: Kweichow Province, PRC

Data: After a year's construction work, the first phase alumina project of this plant was completed and put into operation on 30 June. With the development of the alumina project, this plant has become an important nonferrous metal production base. The project produced the first lot of alumina on 30 June. The plant is stepping up preparations for the construction of the second phase alumina project.

Source: Kweiyang Kweichow Provincial Service in Mandarin 1100 GMT 17 Jul 78
HK

Item: T'ien-ching Seamless Steel Tubing Plant
[1131 3160 3541 4911 6921 4619 0617]

Location: Tientsin, PRC

Data: To meet the needs of the increasing development in the petro-chemistry, marine chemistry and national defense industries, this plant, which in the past could only produce seamless steel tubes under 75 millimeters in diameter, has successfully built machines to produce hot-rolled seamless steel tubes 75-114 millimeters in diameter.

Source: Tientsin City Service in Mandarin 0000 GMT 21 Jun 78 SK

Item: An-shan Iron and Steel Company
[7254 1472 6921 6993 0361 0674]

Location: An-shan, Liaoning, PRC

Data: Measures to reduce high temperatures during the summer have been adopted by this company in the interests of workers' health and the safe operation of the plant. Air conditioning has been installed in its 200 high-temperature workshops. In the No 2 Blooming Mill, the average temperature in the cell pit furnace shop is 50 degrees centigrade, but with air conditioning the temperature in the operation room only 3 meters from the furnace is around 26 degrees. Such facilities are to be installed in another hundred units in the company.

Source: Peking NCNA in English 0730 GMT 28 Jun 78 OW

Item: Wu-han Iron Plant
[2976 3352 6993 0617]

Location: Wu-han, Hupeh, PRC

Data: During the January-May period, this plant fulfilled the annual profits plan by 52 percent.

Source: Wuhan Hupeh Provincial Service in Mandarin 1100 GMT 10 Jul 78 HK

Item: T'ung-hua Iron and Steel Mill
[6639 0553 6921 6993 0617]

Location: T'ung-hua, Kirin Province, PRC

Data: This mill, as of 28 June, overfulfilled its state-assigned semi-annual production plans for steel, rolled steel, coke, iron ore and other principal products, showing an increase of 88.81 percent in steel output, 112.15 percent in rolled steel output, 18.36 percent in coke output and 11.92 percent in iron ore output, as compared with those of the corresponding period last year. The total industrial output value has been increased by 38.84 percent over the same 1977 period.

Source: Changchun Kirin Provincial Service in Mandarin 2200 GMT 7 Jul 78 SK

Item: Wo-lung Iron and Steel Mill
[5257 7893 6921 6993 0617]

Location: Yen-pien Korean Autonomous Chou, Kirin Province, PRC

Data: This mill overfulfilled its first half-year production plan 9 days ahead of schedule, showing increases of 16.2 and 10.4 percent in iron ore and dressed iron powder production, respectively, and prefulfilled by 2 months its semiannual plan for tunneling footage.

Source: Changchun Kirin Provincial Service in Mandarin 1100 GMT 2 Jul 78 SK

II. TRANSPORTATION EQUIPMENT INDUSTRY

Item: Ma-wei Port
[7456 1442 3263]

Location: Foochow, Fukien, PRC

Data: Construction of a 400-meter-long, four-berth, and reinforced concrete wharf capable of accommodating two 10,000-ton and two 5,000-ton ocean-going steamers simultaneously was started here in 1970. The first phase of this project was completed and put into operation by January 1974. This port's auxiliary equipment includes four giant gantry cranes, and 70 cranes of all models as well as bulldozers. Two warehouses covering 6,000 square meters of floor space [each] have been erected here, and construction of two more warehouses is under way. A cargo storage yard occupying 100,000 square meters of land will also be built in this port.

The volume of cargo handled here in 1977 topped that of the pre-Cultural Revolution period by 300 percent.

Source: Hong Kong CHUNG-KUO HSIIN-WEN 6 Jul 78 p 5

Item: Ma-wei Shipyard
[7456 1442 6644 5303 0617]

Location: Ma-wei Port, Foochow, Fukien, PRC

Data: This shipyard is currently employing 2,000 employees and workers and is equipped with more than 600 pieces of equipment. In recent years, in addition to building fishing steamers and repairing and assembling ships, it has built coastal ferroconcrete ships of "heavy tonnage," steel-hulled freighters and oil tankers.

Source: Hong Kong CHUNG-KUO HSIIN-WEN 6 Jul 78 p 5

Item: Liu-chou Railway Bureau
[2692 1558 6993 6424 1444]

Location: Liuchow, Kwangsi, PRC

Data: This bureau's scientific research institute has built a digital quartz clock. This highly stable and accurate clock is equipped with mechanisms for telling and calibrating time and is suitable for use in the transportation departments.

Source: Hong Kong CHUNG-KUO HSIN-WEN 3 Jul 78 p 10

Item: Huai-hua Railway Subbureau
[2037 0553 6993 6424 0433 1444]

Location: Huai-hua, Hunan, PRC

Data: Since late June, the staff and workers of this subbureau have increased the volume of material needed for supporting the countryside's fight against drought. The various stations along the subbureau's line have given priority to the transport of these materials. On 11 July, 80 diesel engines arrived at this substation and were delivered to the various units concerned within a few hours.

Source: Changsha Hunan Provincial Service in Mandarin 1100 GMT 22 Jul 78 HK

Item: Shang-hai Railway Bureau
[0006 3189 6993 6424 1444]

Location: Shanghai, PRC

Data: This bureau has begun to operate tourist through trains on the Shanghai-Nanking and Shanghai-Hangchow lines to meet the needs of the increasing numbers of foreign and returned overseas Chinese tourists.

Source: Peking Radio in Mandarin to Taiwan 0400 GMT 2 Jul 78 OW

Item: Kuang-chou Maritime Bureau
[1634 1558 3189 6663 1444]

Location: Canton, Kwangtung, PRC

Data: By 22 June, this bureau had overfulfilled the semiannual goods transportation plan 8 days ahead of schedule. The volume of goods transported increased by 36 percent as compared with the same period of last year. At the same time, the bureau had also overfulfilled the goods distribution plan 22 days ahead of schedule. The volume of goods distributed increased by 91 percent as compared with the same period of last year.

Source: Canton Kwangtung Provincial Service in Mandarin 0430 GMT
30 Jun 78 HK

Item: Ch'ang-ch'un Motor Vehicle Plant No 1
[7022 2504 4574 0001 3086 6508 5956 6644 0617]

Location: Ch'ang-ch'un, Kirin Province, PRC

Data: This plant has fulfilled its first half-year motor vehicle production plan, registering a fairly good record since the Cultural Revolution. The plant raised the quality of its products by a fairly large margin.

Source: Changchun Kirin Provincial Service in Mandarin 1100 GMT 2 Jul 78 SK

Item: Shen-yang Railway Bureau
[3476 7122 6993 6424 1444]

Location: Mukden, Liaoning, PRC

Data: This bureau prefulfilled by 3 days its first 6-month target for freight delivery tonnage. Its Tan-tung Railway Subbureau overfulfilled by 52.4 percent the semiannual freight delivery plan.

Source: Shenyang Liaoning Provincial Service in Mandarin 1100 GMT 5 Jul 78 SK

III. ELECTRONIC AND PRECISION EQUIPMENT INDUSTRIES

Item: Wu-chou City Optical Instrument Plant
[2745 1558 1579 0342 1331 0337 0115 0617]

Location: Wu-chou, Kwangsi, PRC

Data: This plant has successfully trial manufactured a 1,600X dark field microscope designed for use in biological and bacteriological research at scientific research departments and institutions of higher learning.

Source: Hong Kong CHUNG-KUO HSIN-WEN 3 Jul 78 p 10

Item: Shang-hai Toys Plant No 9
[0006 3189 3779 0367 4574 0046 0617]

Location: Shanghai, PRC

Data: In cooperation with the Shanghai Metallurgical Research Institute, this plant successfully built China's first television system for measuring the diameters of gallium arsenide monocrystals in the furnace. It is capable of reaching 0,5mm in measuring precision, making 50 measurements per second, sending out information on the diameters of 50 groups for computations, and achieving automatic control in drawing gallium arsenide monocrystals, thereby raising the quality.

Source: Shanghai K'O-HSUEH HUA-PAT [Science Pictorial] May 78 p 21

Item: Physics Institute of the Chinese Academy of Sciences
[0022 0948 4430 1331 7108 3670 3810 4762]

Location: Peking, PRC

Data: This institute in cooperation with the Chemistry Institute has successfully produced a new holographic material-light sensitive thermal plastic. Its important characteristics are that it shows real time position, is reusable, is highly photosensitive, has high diffraction efficiency and can be processed in normal light (requires no darkroom). This light sensitive thermal plastic is useful for holographic interferometry, information storage, optical information and other work. Holographic techniques are being used in such areas as the measurement of oscillation, infinitesimal differentiation, stress, wind tunnel airflow, shock wave analysis, characteristic differentiation, and large volume high speed information storage as well as other scientific and industrial activities.

Source: Peking KWANGMING DAILY 18 Apr 78 p 2

Item: Wu-chou City Hardware Plant
[2745 1558 1579 0063 6855 0455 0756 0617]

Location: Wu-chou, Kwangsi, PRC

Data: This plant recently built China's first completely automatic petroleum distillation range measuring instrument which is up to domestic advanced level and features photoelectric automatic tracking, synchronous automatic recording, semiconductor refrigeration and automatic trouble warning.

Source: Heng Kong CHUNG-KUO HSIN-WEN 3 Jul 78 p 10

Item: Shan-t'ou Ultrasonic Instruments Plant
[3073 7333 6389 5116 0308 0892 0617]

Location: Swatow, Kwangtung, PRC

Data: This plant recently built a CTS-15 Ultrasonic fault finder which is up to domestic advanced standards. Equipped with an AVG scale, the instrument can conveniently and directly read out the locations of defects and the equivalent weights. In addition to meeting the requirements of locating defects in large-sized forgings for electric power stations, the instrument can be employed to detect faults in metallic materials and metal products by means of ultrasonic waves.

Source: Hong Kong CHUNG-KUO HSIN-WEN 26 Jun 78 p 7

IV. CHEMICAL INDUSTRY

Item: Chiang-men Sugarcane Chemical Plant
[3068 7024 3927 5589 0553 1562 0617]

Location: Chiang-men, Kwangtung, PRC

Data: Using waste materials from the sugar-making process, this plant is turning out more than 20 different kinds of products, including paper, pharmaceuticals, alcohol, cement and fiberboard. In addition to producing granulated white sugar, this plant is using begasse to make Cement 500, long-staple begasse to make paper pulp, writing paper, and packing paper, and short-staple begasse to make furfural. The plant also uses waste molasses to make alcohol and yeast and then extracts ribonucleic acid and 702 plant stimulant from yeast. It also "degrades" four kinds of high-energy mononucleotides from ribonucleic acid and then employs two of the mononucleotides to manufacture adenosine triphosphates and cytidine triphosphates. The workers here also utilize waste from the nucleic acid production process to make coenzyme A and [glutathione] and use the waste gas from the production of alcohol to make dry ice. The present value of products made from the waste materials from pressing one metric ton of sugarcane is even greater than that of sugar made from one metric ton of sugarcane.

Source: Hong Kong CHUNG-KUO HSIN-WEN 29 Jun 78 p 7

Item: Chao-ch'ing Nitrogenous Fertilizer Plant
[5128 1987 8644 5142 0617]

Location: On the bank of the Ling-yang Gorge along Hsi [West] River in Chao-ch'ing, Kwangtung, PRC

Data: This new plant with an annual synthetic ammonia output of 10,000 metric tons was officially put into production in early June 1978. The largest of its kind established in the Chao-ch'ing Prefecture, this plant uses the locally available "Ma-an" [7456 7254] coal as its primary raw material. More than 70 percent of its production operations is automatically controlled, permitting the plant to keep the production cost of synthetic ammonia comparatively low. In addition to meeting the farm production needs of Chao-ch'ing Prefecture, the plant supports other counties in the prefecture with its products.

Source: Hong Kong CHUNG-KUO HSIN-WEN 24 Jun 78 p 1

Item: Nan-hsiung Hsien Nitrogenous Fertilizer Plant
[0589 7160 4905 8644 5142 0617]

Location: Nan-hsiung County, Kwangtung, PRC

Data: This recently built plant has an annual capacity of 5,000 tons. After examination, all assembling units in the plant have been certified in good condition and their quality has conformed to the standards. The plant will be put into operation soon.

Source: Canton Kwangtung Provincial Service in Mandarin 1130 GMT 24 Jul 78 HK

Item: Chiang-tu Hsien Chemical Fertilizer Plant
[3068 6757 4905 0553 5142 0617]

Location: Chiang-tu County, Kiangsu, PRC

Data: This plant produced 4,500 metric tons of chemical fertilizer and fulfilled 53 percent of the 1978 production plan in the first 5 months of this year.

Source: Nanking Kiangsu Provincial Service in Mandarin 1030 GMT 20 Jun 78 OW

Item: Ch'ing-hai Chemical Fertilizer Plant No 1
[7230 3189 0553 5142 0001 0617]

Location: Probably Sining, Tsinghai, PRC

Data: As of 21 May, this plant fulfilled production plans for the first half of the year. The plant's output of synthetic ammonia and chemical fertilizers both showed an increase of 52 percent over the same period last year.

Source: Sining Tsinghai Provincial Service in Mandarin 1100 GMT 30 May 78 OW

V. FUEL AND POWER INDUSTRIES

Item: Wen-t'ang Geothermal Experimental Power Station
[3306 3282 0966 3583 6107 7526 7193 4541]

Location: I-ch'un County, Kiangsi, PRC

Data: In 1978 this station installed a 50-kilowatt geothermal generating unit with a dual circulation system. The temperature of hot spring water being utilized is 66 degrees Centigrade. A sustained operation carried out recently proved that the unit's generating capacity is up to the designed level.

Source: Hong Kong CHUNG-KUO HSIN-WEN 11 Jul 78 p 3

Item: Che-lin Hydroelectric Power Station
[2678 2651 3055 7193 4541]

Location: On the middle reaches of the Hsiu River of Kiangsi, PRC

Data: Designed and built by Chinese engineers and workers and the largest of its kind in Kiangsi, this station has an installed capacity of 180,000 kilowatts. The capacity of the reservoir is 7.2 billion cubic meters. An irrigation network, which includes a man-made river, 15 canals, totaling 120 kilometers in length, and 172 irrigation projects of all types, permits the irrigation of 220,000 mou of farmland and the extension of 80,000 mou of cultivated acreage.

Source: Hong Kong CHUNG-KUO HSIN-WEN 15 Jul 78 p 2

Item: Hsu-chou Mining Administration Bureau
[1176 1558 4349 0523 1444]

Location: Hsu-chou, Kiangsu, PRC

Data: This bureau prefulfilled the first quarter 1978 production quotas for raw coal, dressed coal and advance footage by 5 days. Its raw coal output volume was 32 percent above that of the same 1977 period or 490,000 metric tons more than the state plan. The bureau's coal production volume for the second quarter of 1978 was 19.9 percent above that of the state plan.

During the first quarter of this year, the average output per unit of this bureau was 16,990 metric tons, an increase of 31.7 percent over that of the comparable period of 1977.

Source: Peking PEOPLE'S DAILY 13 Jul 78 p 2

Item: P'ing-ting-shan Mining Administration Bureau
[1627 7307 1472 4349 0523 1444]

Location: P'ing-ting-shan, Honan, PRC

Data: This bureau topped the first quarter 1978 raw coal output quota by 648,000 metric tons, an increase of 35 percent over the same 1977 period. Its average daily output was 24 percent above that of the fourth quarter 1977 period, the highest among the nation's coal mines. The bureau's raw coal output for the second quarter of 1978 topped the production quota by 19.5 percent. Mechanized mining operations in the mines under this bureau have increased from 14.6 percent at the end of 1977 to 25.4 percent at the present time.

Source: Peking PEOPLE'S DAILY 13 Jul 78 p 2

Item: K'ai-feng Power Plant
[7030 1409 4099 7193 0617]

Location: K'ai-feng, Honan Province, PRC

Data: In 1977, this plant started the construction of two 125,000-kw power-generating groups. The first group has been completed and will start operation shortly. Construction of the second group is being speeded up.

Source: Hong Kong CHUNG-KUO HSIN-WEN 26 Jun 78 p 6

Item: Lan-chou Oil Refinery
[5695 1558 3550 3111 0617]

Location: Lanchow, Kansu, PRC

Data: This refinery has prefulfilled the semiannual output quota for crude oil 11 days ahead of schedule. It has fulfilled the half-year production plans for paraffin and asphalt and set a new high for profits derived from processing crude oil per ton. The refinery also fulfilled the 1978 plans for gross industrial output value and for earnings.

Source: Lanchow Kansu Provincial Service in Mandarin 1300 GMT 4 Jul 78 HK

Item: Che-chiang Oil Refinery
[3181 3068 3550 3111 0617]

Location: Chekiang Province, PRC

Data: More than 10,000 workers, staff members and their families are working at the construction site of this refinery. On 2 June, a 12,000-kilowatt generating unit of the refinery's thermal power station began operation after a single successful trial run. A work team of the No 14 Petrochemical Industry Construction Company of the Ministry of Petroleum and Chemical Industries set a record by installing a 10,000-cubic-meter oil tank in 8 days in 1977. In May this year the team installed and welded a 400-cubic-meter liquified gas spherical tank in 5 days, setting another record. Recently workers of the Provincial No 2 Construction Company built an 80-meter-high carbon monoxide boiler stack in 16 days.

Source: Hangchow Chekiang Provincial Service in Mandarin 1100 GMT 24 Jun 78 OW

Item: Hu-ho-hao-t'e Power Plant
[0729 0735 3185 3676 4099 7193 0617]

Location: Huhehot, Inner Mongolia AR, PRC

Data: This plant fulfilled its production plan for May 3 days ahead of schedule. Its daily power output in that month exceeded 1 million kwh, setting the highest record since its establishment. During the same month, the plant conserved 560,000 kwh of electricity and 460 metric tons of coal.

Source: Huhehot Inner Mongolia Regional Service in Mandarin 1100 GMT
7 Jun 78 OW

Item: Huang-p'u Power Station
[7806 1033 7193 4541]

Location: Canton, Kwangtung, PRC

Data: Construction of the first generator of this station has been completed and it went into operation on 25 July. The newly installed generator supplies electricity to the factories, countryside and mines. This is a modern, large thermal power plant and is one of the key capital construction projects in Kwangtung. The entire generator was designed, manufactured and installed by China herself. It has a capacity of 125,000 kw, and is currently the biggest in Kwangtung. The Canton Petrochemical Plant supplies fuel to the station. Construction of the station began in May 1976.

Source: Canton Kwangtung Provincial Service in Mandarin 0430 GMT 30 Jul 78 HK

Item: Wu-ta Mining Administration Bureau
[3527 6671 4349 0523 1444]

Location: Inner Mongolia AR, PRC

Data: The (Yueh-chin) Mine of this bureau has fulfilled the raw coal production plan for the first half of 1978 35 days ahead of time. The miners pledged to produce 160,000 metric tons more in June so as to overfulfill the production quota of 900,000 metric tons of coal for the first half of this year.

Source: Huhehot Inner Mongolia Regional Service in Mandarin 1100 GMT
4 Jun 78 OW

Item: Hsi-shan Mining Bureau
[6007 1472 4349 0523 1444]

Location: Shansi Province, PRC

Data: This bureau prefulfilled its first semiannual coal output and tunneling plans by 35 and 41 days, respectively. Coal output was 31.8 percent over the same 1977 period. In more than 4 months, it produced over 500,000 metric tons of coal and tunneled over 10,000 meters more than the same 1977 period. This bureau was given a quota of 173,000 metric tons of coal for May. It produced more than 270,000 metric tons instead.

Source: Peking NCNA Domestic Service in Chinese 0235 GMT 5 Jun 78 OW

Item: Han-tan Mining Bureau
[6725 6779 4349 0523 1444]

Location: Han-tan, Hopeh, PRC

Data: This bureau prefulfilled its semiannual coal output and tunneling plans by 45 and 61 days, respectively, topping those of the same period of last year by 35 percent and 44 percent. During the period from the 1978 New Year's Day to 18 May, the bureau's average daily coal output was over 10,000 metric tons and in January through April it produced 320,000 metric tons of coal above the state plan.

Source: Peking NCNA Domestic Service in Chinese 0109 GMT 5 Jun 78 OW

Item: Liao-ning Power Plant
[6697 1380 4099 7193 0617]

Location: Mukden, Liaoning, PRC

Data: This plant prefulfilled the semiannual power generation plan by 5 days, not only generating an extra 13 million kilowatt-hours of electricity, but also reducing coal consumption to the lowest level in history.

Source: Shenyang Liaoning Provincial Service in Mandarin 1100 GMT 7 Jul 78 SK

Item: Fu-shun Mining Administration Bureau
[3239 7311 4349 0523 1444]

Location: Fu-shun, Liaoning, PRC

Data: This bureau fulfilled its semiannual plans for dressed coal production, tunneling footage and oil shale production 13, 42 and 20 days ahead of schedule, respectively.

Source: Shenyang Liaoning Provincial Service in Mandarin 1100 GMT 3 Jul 78 SK

Item: T'ung-hua Mining Administration Bureau
[6639 0553 4349 0523 1444]

Location: T'ung-hua, Kirin Province, PRC

Data: This bureau fulfilled its semiannual raw coal production, tunneling footage and dressed coal production plans 12, 55 and 11 days, respectively, ahead of schedule. Its raw coal output for the first 6 months was 7.7 percent higher and other economic targets were fulfilled more successfully as compared with the same period of last year.

Source: Changchun Kirin Provincial Service in Mandarin 1100 GMT 21 Jun 78 SK

Item: Ta-lien Power Plant No 2
[1129 6647 4574 0057 4099 7193 0617]

Location: Dairen, Liaoning, PRC

Data: This plant prefulfilled the semiannual power generation plan by 10 days and substantially reduced its raw material consumption, creating the best record in history.

Source: Shenyang Liaoning Provincial Service in Mandarin 1100 GMT 7 Jul 78 SK

Item: Ching-ho Power Plant
[.... 4099 7193 0617]

Location: Liaoning Province, PRC

Data: This plant overfulfilled the state-assigned semiannual power generation plan by the end of June, registering a more than 100 percent increase in power output as compared to that of 1977.

Source: Shenyang Liaoning Provincial Service in Mandarin 1100 GMT 7 Jul 78 SK

Item: An-shan Power Plant
[7254 1472 7569 7193 0617]

Location: An-shan, Liaoning, PRC

Data: From January to May 1978, this plant successively overfulfilled state-assigned monthly plan, set one new record after another in power generation and topped the best previous record in major economic indexes. By 2 June, the plant had prefulfilled its state-assigned plan for the first half year by 28 days and saved 5,060,000 kilowatt-hours of electricity and more than 10,700 metric tons of oil.

Source: Shenyang Liaoning Provincial Service in Mandarin 1100 GMT Jun 78 SK

Item: Lai-pin Hsien Petroleum Wholesale Station
[0171 6333 4905 4258 3111 2106 4099 4541]

Location: Lai-pin County, Kwangsi, PRC

Data: This station has guaranteed oil supplies for the use of farm machinery during crash harvesting and sowing. So far the station has supplied 629 metric tons of diesel oil and lubricants to various communes and brigades.

Source: Nanning Kwangwi Chuang Regional Service in Mandarin 1100 GMT
20 Jul 78 HK

VI. MACHINE-BUILDING INDUSTRY

Item: Chi'i-ch'i-ha-erh Machine Tool Plant No 2
[7871 7871 0761 1422 4574 0059 2623 1643 0617]

Location: Tsitsihar, Heilungkiang, PRC

Data: This plant has successfully built China's first 1,000-ton multiple position automatic hot upset forging machine. Urgently needed by the country's bearing industry, this machine weighs 100 metric tons, has a forging capacity of 1,000 metric tons, and can continuously and automatically manufacture bearing ring blanks, turning out as many as 43 pieces per minute, an increase of 5 to 7 times over the efficiency of the "flat" forging machine generally employed in China's bearing industry at the present time. Formerly a factory primarily manufacturing small-scale milling machines and medium- and small-sized automatic forging presses, this plant completed this structurally complicated project in just 10 months' time.

Source: Peking KWANGMING DAILY 8 Jul 78 p 8

Item: Kuei-lin Electric Equipment Research Institute
[2710 2651 7193 0892 4430 1331 4282 4496 2076]

Location: Kweilin, Kwangsi, PRC

Data: This institute has successfully built an HDZ-6 High vacuum electron beam welding machine which is up to domestic advanced standards. This machine finds wide applications in the motor vehicle, tractor, petrochemical equipment, power generating equipment and aircraft manufacturing industries.

Source: Hong Kong CHUNG-KUO HSIN-WEN 3 Jul 78 p 10

Item: Shanghai Coal Mining Machinery Research Institute
[0006 3189 4349 2894 2750 4282 4496 2076]

Location: Shanghai, PRC

Data: The Shanghai Coal Mining Machinery Research Institute, in cooperation with the Metallurgical Mining Machinery Plant and the Construction Machinery Plant, built a twin roller mining machine. After successful testings, the machine was put into small-scale production.

Source: Peking KWANGMING DAILY 12 Jun 78 p 1

Item: Shen-yang Vacuum Research Institute
[3088 7122 4176 4500 4286 4496 2076]

Location: Mukden, Liaoning, PRC

Data: A team organized by this institute and the Lu-ta Aqua-products Company has successfully built in 1 year's time a 30-ton/hour wharf fish suction machine, which is self-propelled and can rotate and extend and retract horizontally and perpendicularly. Because this suction machine is powered by a high-pressure centrifugal blower, the fish, after having been flushed out, is placed on the conveyor belt to be delivered to the designated places and sealed for export. It is much more efficient than the mechanical transmission-type machine designed for the same purpose.

Source: Peking KWANGMING DAILY 12 Jul 78 p 4

Item: Lan-chou Petrochemical Machinery and Equipment Plant
[5695 1558 4258 3111 0553 1562 2623 0892 0617]

Location: Lanchow, Kansu, PRC

Data: This plant has overfulfilled the state plan for the first 6 months of this year. Its total value of industrial output accounted for 55.9 percent of the annual state plan, an increase of 21.8 percent over the same 1977 period. The total industrial output volume also represented 56.2 percent of the annual state plan, an increase of 13.1 percent over the same period of last year.

Source: Lanchow Kansu Provincial Service in Mandarin 1300 GMT 5 Jul 78 HK

VII. AGRICULTURAL MACHINERY INDUSTRY

Item: Ch'a-ling Hsien Agricultural Machinery Plant No 1
[5420 7117 4905 6593 2623 0001 0617]

Location: Ch'a-ling County, Hunan Province, PRC

Data: In cooperation with the Hunan Provincial Agricultural Machinery Research Institute, this plant has successfully built a "swing-plate" type sprinkler--3,5GP-B sprinkler. Manufacture of this new sprinkler was started in May 1976 and was built according to the requirements specified by the Chinese Academy of Sciences, Ministry of Water Conservancy and Power and Ministry of Machine-Building concerning the study and manufacture of light model diesel engine sprinkler units. With a twin-spray tube structure, this type of sprinkler head can make a semi-circle or a full circle and weighs only 4 kilograms. The water pump that comes with the sprinkler is a 3-hp or a 5-hp self-suction centrifugal pump, which has a high lift capacity and weighs only 25 kilograms. This machine unit can be operated as an agricultural chemicals sprayer and as a grain thresher.

Source: Peking KWANGMING DAILY 12 Jul 78 p 4

Item: Fu-chien Tractor Plant
[4395 1696 2151 2139 2623 0617]

Location: Northern outskirts of Foochow, Fukien, PRC

Data: In 1977, this plant manufactured 7,000 tractors, topping the previous highest output level by 7.5 percent. During the January-April 1978 period, it turned out 3,100 Tung-feng-12 tractors, an increase of 1.9 times over that of the comparable period of 1977. Last year the plant trial manufactured a four-wheel tractor designed for use in the paddy fields of South China. A prototype tractor has been delivered to Peking for an exhibition. This plant has been tasked to turn out 10,000 tractors in 1978.

Source: Hong Kong CHUNG-KUO HSIN-WEN 3 Jul 78 p 8

Item: Ching-chiang Tractor Plant
[7231 3068 2151 2139 2623 0617]

Location: Ching-chiang, Kiangsu, PRC

Data: In 1977, over 1,000 tractors were produced by this plant. During the first quarter of 1978, 500 tractors were manufactured by the workers here.

Source: Nanking Kiangsu Provincial Service in Mandarin 1030 GMT 7 Jun 78 OW

VIII. MISCELLANEOUS INDUSTRIES

Item: Shang-hai Small Light Bulk Plant No 2
[0006 3189 7193 3796 0059 0617]

Location: Shanghai, PRC

Data: This plant has successfully trial manufactured a cold light source high efficiency exposure lamp, the light intensity of which doubles that of ordinary florescent lamp having the same power. When used with a duplicating machine, two of these 9-watt exposure lamps connected in parallel can take the place of a 1,000-watt heat light source iodine-tungsten lamp. It is applicable to selenium static duplicating machine, printing plates and electronic computer logging.

Source: Shanghai K'O-HSUEH HUA-PAO [Science Pictorial] May 78 p 21

Item: Shang-hai Rice Mill No 1
[0006 3189 4574 0001 4317 4717 0617]

Location: Shanghai, PRC

Data: This mill is now making bread instead of milling rice as in the past. Using discarded materials, it began converting the machinery for making bread at the end of 1977 and spent only 20,000 yuan to complete a workshop with a daily bread output of 5,500 catties. So far, this mill has received orders for bread from more than 570 messhalls, two-thirds of which are factory messhalls.

Source: Peking PEOPLE'S DAILY 2 Jul 78 p 2

Item: Hua-hsin Cement Plant
[5478 2450 3055 3136 0617]

Location: Huang-shih City, Hupeh Province, PRC

Data: This plant, which was able to produce only ordinary cement, can now turn out many kinds of high-grade cement and asbesto products. Its present output is 30 times above that of the early liberation period.

[Source provides a photograph showing this plant's facilities]

Source: Hong Kong TA KUNG PAO 26 Jul 78 p 8

Item: T'ang-hu Geothermal Hot House
[3282 3275 0966 3583 3306 1358]

Location: T'ang-hu, Sui-Ch'uan County, Kiangsi, PRC

Data: This large-sized geothermal hot house, covering an area of more than 2,000 square meters, has successfully cultivated fine-strain rice and planted overwintering aquaplants and has begun using thermal energy from hot spring water to hatch chicks and ducklings.

Source: Hong Kong CHUNG-KUO HSIN-WEN 11 Jul 78 p 3

Item: Ch'ung-ch'ing Medical Apparatus Plant
[6850 1987 6829 6697 0892 2750 0617]

Location: Chungking, Szechwan, PRC

Data: This plant successfully trial manufactured a power-driven hydraulic multi-purpose surgical bed that is up to domestic advanced standards. This "new" product, which is now in mass serial production, was exhibited at the 1977 Fall Export Commodities Fair in Canton.

Source: Hong Kong CHUNG-KUO HSIN-WEN 10 Jul 78 p 6

Item: Nan-ning Leather Shoe Plant
[0589 1380 4122 7256 0617]

Location: Nan-ning, Kwangsi, PRC

Data: This plant's leather shoe output has jumped from 120,000 pairs in 1974 to 450,000 pairs. Its output for the first 5 months of 1978 was 19.6 percent above that of the same 1977 period.

Since 1975, this plant, employing more than 300 workers, has introduced 60 technical innovations, built 30 pieces of equipment on its own, and installed two continuous production lines. Installation of a gummed leather shoe automatic production line is underway at this plant.

Source: Hong Kong CHUNG-KUO HSIN-WEN 18 Jul 78 p 3

Item: Hsuan-hua Porcelain Plant
[1357 0553 3911 0617]

Location: Hsuan-hua, Hopeh, PRC

Data: This plant is now turning out more than 40 different product varieties. Its annual output is 30 million pieces of porcelain-ware. The plant exports upward of 20 million pieces of porcelain to more than 60 foreign countries and regions annually.

Source: Hong Kong CHUNG-KUO HSIN-WEN 7 Jul 78 p 6

Item: Tan-tung City Woolen Carpet Plant
[0030 2639 1579 3029 3034 0617]

Location: Tan-tung, Liaoning, PRC

Data: This plant has successfully trial manufactured and is mass producing a chemical fiber filter for air purification. This material can purify over 99 percent of the air in a workshop and is essential to the metallurgical, oxygen-generating, ore extraction, and electronic industries. On the eve of the National Day last year, the plant turned out a batch of filter materials for indoor air purification. Since the end of 1977, it produced a filter material especially for blast furnace blowers. More than 40 end users in Peking, Szechwan and Liaoning have verified that the filter material is up to advanced standards in its primary economic indices and performances.

Source: Hong Kong CHUNG-KUO HSIN-WEN 26 Jun 78 p 7

Item: Shan-tung Provincial Light Industry Bureau No 1
[1472 2639 4164 4574 0059 6535 1562 2814 1444]

Location: Probably Tsinan, Shantung, PRC

Data: Enterprises under this bureau had fulfilled their semiannual production plan by the end of June. The total industrial output value for the first 6 months of 1978 was 24 percent higher than that of the same period in 1977.

Source: Tsinan Shantung Provincial Service in Mandarin 1130 GMT 13 Jul 78 SK

Item: Huai-pei Salt Field
[3232 0554 7770 1034]

Location: Kiangsu Province, PRC

Data: [1] This field has fulfilled its 1978 salt output plan in just 5 months. The raw salt output volume was 1.7 times above that of the same 1977 period and the salt quality has improved markedly.

[2] Kiangsu Province has completed its 1978 salt production plan 7 months ahead of schedule. The total salt production increased 1.74 times over the same period of last year. The Huai-pei Salt Administrative Bureau held a meeting on 15 June to celebrate this achievement. The Ministry of Light Industry and the Kiangsu Provincial Bureau of Light Industry sent messages of greetings to the meeting.

Source: [1] Hong Kong CHUNG-KUO HSIN-WEN 1 Jul 78 p 13

[2] Nanking Kiangsu Provincial Service in Mandarin 1030 GMT
21 Jun 78 OW

Item: T'ien-ching Brewery
[1131 3160 0802 6794 0617]

Location: Tientsin, PRC

Data: This brewery's beer output for the first half of 1978 registered an increase of 15.2 percent over that of the same 1977 period. The brewery is noted for its "Ch'ang-ch'eng" and "Tientsin" brand beer.

Source: Hong Kong TA KUNG PAO 27 Jul 78 p 3

CSO: 4006

END